

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17633	CUMENE HYDROPEROXIDE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L2	9323	CHP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L3	26334	L1 OR L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L4	141376	CLEAVAGE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L5	1333	L3 AND L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L6	93266	RECIRCULATION	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L7	34	L5 AND L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2007/03/13 15:15
L8	82625	ACETONE PHENOL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2007/03/13 15:15
L9	27	L7 AND L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:16

## EAST Search History

L10	179	568/798	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:16
L11	11	L9 AND L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:17
L12	41	S-BUTYLBENZENE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:17
L13	9	L1 AND L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:17
L14	145449	PIPELINE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:17
L15	2	L13 AND L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:18
L16	349450	EXCHANGER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:18
L17	1	L15 AND L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:19
L18	2089	NON-RECOVERABLE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:20
L19	1	L17 AND L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 15:20

## EAST Search History

L20	472	DIMETHYLBENZYL ALCOHOL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:21
L21	1	L19 AND L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:21
L22	23	ACETONE/MEK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:21
L23	1	L21 AND L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:22
L24	50	2-PHENYL-2-BUTENE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:22
L25	1	L23 AND L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23
L26	1288	DMBA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23
L27	1	L25 AND L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23
L28	375644	STYRENE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23
L29	1	L27 AND L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23

## EAST Search History

L30	1438	PLUG-FLOW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:23
L31	1	L29 AND L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:26
L32	185	EMBA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:26
L33	1	L31 AND L32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:26
L34	14091	CARBINOL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:26
L35	1	L33 AND L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:27
L36	124	CLEAVAGE REACTOR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:27
L37	1	L35 AND L36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:27
L38	8456	STIRRED TANK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:28
L39	1	L37 AND L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:28

## EAST Search History

L40	69851	RECIRCULATING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:28
L41	1	L39 AND L40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:29
L42	125951	RECYCLE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:29
L43	1	L41 AND L42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:29
L44	21580	AMS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:29
L45	1	L43 AND L44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:30
L46	23396	AES	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:30
L47	1	L45 AND L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:30
L48	2452	"95" WT%	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 15:31
L49	0	L47 AND L48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 16:14

## EAST Search History

L50	11	first cleavage reactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 16:14
L51	1	L47 AND L50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/03/13 16:15
S1	2	("5298667").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 08:34
S2	2	("5304684").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 15:29
S3	2	("5530166").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 15:30
S4	2	("6486365").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/16 15:30
S5	2	("6448414").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/20 12:42
S6	2	("5254751").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:03
S7	2	("6077977").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:18
S8	4	("2632773").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:19

## EAST Search History

S9	4	("2632026").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:19
S10	2	("6465695").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:21
S11	2	("1757209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:21
S12	4	("2757209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:25
S13	2	("4358618").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:06
S14	7	JESSE RAYMOND BLACK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/06/29 15:07
S15	14	JESSE BLACK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/06/29 15:07
S16	5	"2003011801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/05 17:32
S17	2	("4490566").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/05 17:32
S18	2	("6307112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 08:35

## EAST Search History

S19	16971	CUMENE HYDROPEROXIDE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:35
S20	9009	CHP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:35
S21	25397	S19 OR S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:36
S22	9116	S CLEAVAGE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:36
S23	130440	CLEAVAGE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:36
S24	1232	S21 AND S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:36
S25	89557	RECIRCULATION	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:36
S26	30	S24 AND S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 08:37
S27	78505	ACETONE PHENOL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/07 08:37
S28	25	S26 AND S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/07 08:55



## EAST Search History

S29	2	("5254751").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:27
S30	3	("2001097901").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:40
S31	170	568/798	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:40
S32	16971	CUMENE HYDROPEROXIDE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 14:40
S33	9009	CHP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 14:40
S34	25397	S32 OR S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/07/07 14:40
S35	116	S31 AND S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:41
S36	130440	CLEAVAGE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:41
S37	80	S35 AND S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:42
S38	37	S-BUTYLBENZENE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:41

## EAST Search History

S39	1	S37 AND S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 14:42
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